

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/03675

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L21/687

10/527432

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01L H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 063 203 A (SATOHI KIYOSHI) 16 May 2000 (2000-05-16) column 2, line 5 - line 9 column 3, line 5 - line 14 column 3, line 44 - line 57 column 5, line 41 - column 6, line 12; claims 1,4	1,2,6,7, 10
X	US 2002/036373 A1 (KOSAKAI MAMORU) 28 March 2002 (2002-03-28) paragraphs [0005], [0047], [0061] - [0072]; figure 5d	1,2,6,7, 10
E	EP 1 383 167 A (IBIDEN CO LTD) 21 January 2004 (2004-01-21) paragraph [0108]; claim 1	1,2,6,7, 10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

16 August 2004

Date of mailing of the international search report

29.10.2004

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1 (partially), 2, 6, 7, 10

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1(partially),2,6,7,10

see points 1.1 to 1.3

1.1. claims: 1(partially),2

The support plate has a roughness in the range of 0.1-3 microns.

1.2. claims: 1(partially), 6,7

The support plate is made from a non corrosive, non-contaminating material selected from a group of materials comprising glass, granite and ceramic.

1.3. claim: 10

A method for the preparation of a support plate for supporting a wafer by roughening the top surface of the support plate at least partially using powder blasting.

2. claims: 1(partially), 3-4

The support plate comprises grooves

3. claims: 1(partially),5

The support plate comprises at least one recess for partially receiving at least one component.

4. claims: 8-9

Use of a support plate as a slide for spectroscopic analysis.

5. claims: 11-14

Packing unit comprising a roughend support plate and use of the same for storage of an IC, semiconductor or wafer components.

6. claim: 15

Use of a Non-corrosive, non contaminating material, preferably selected from the group comprising glass, granite, ceramic in the packing of IC, semiconductor or wafer components.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6063203	A	16-05-2000	JP 3160229 B2	25-04-2001
			JP 10340896 A	22-12-1998
			TW 411594 B	11-11-2000

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